iR4570/iR3570/iR3530/ iR2870/iR2270/iR2230 UFR II Printer Guide

Manuals for the Machine

The manuals for this machine are divided as follows. Please refer to them for detailed information.

The manuals supplied with optional equipment are included in the list below. Depending on the system configuration and product purchased, some manuals may not be needed.

📖 Guides with this symbol are printed manuals.

💿 Guides with this symbol are PDF manuals included on the accompanying CD-ROM.

- **Quick Reference for Basic Operation**
  For Basic Operations ➜ Basic Features
  For Additional Functions ➜ To Suit Your Needs

| **Easy Operation Guide** | 💿 |

- **Basic Information**

| **User's Guide** | 📖 |

- **Basic Operations**
- **Troubleshooting**

| **Reference Guide** | 💿 |

- **Copying and Mail Box Instructions**

| **Copying and Mail Box Guide** | 💿 |

- **Sending and Fax Instructions**
  There is no Sending and Facsimile Guide for the iR3530/iR2230.

| **Sending and Facsimile Guide** | 💿 |

- **Fax Instructions**
  There is no Facsimile Guide for the iR4570/iR3570/iR2870/iR2270.

| **Facsimile Guide** | 💿 |

- **Setting Up the Network Connection and Installing the CD-ROM Software**

| **Network Quick Start Guide** | 📖 |

- **Remote User Interface Instructions**

| **Remote UI Guide** | 💿 |

- **Network Connectivity and Setup Instructions**

| **Network Guide** | 💿 |

- **Network ScanGear Installation and Instructions**

| **Network ScanGear User's Guide** | 💿 |

- **PS/PCL/UFR II Printer Instructions**

| **PS/PCL/UFR II Printer Guide** | 💿 |

- **UFR II Printer Instructions**

| **UFR II Printer Guide (This Document)** | 💿 |

- **PCL Printer Driver Installation and Instructions**

| **PCL Driver Guide** | 💿 |

- **PS Printer Driver Installation and Instructions**

| PS Driver Guide | CD-ROM |

- **Mac OS X PS Printer Driver Installation and Instructions**

| Mac PS Driver Guide | CD-ROM |

- **UFR II Printer Driver Installation and Instructions**

| UFR II Driver Guide | CD-ROM |

- **Mac OS X UFR II Printer Driver Installation and Instructions**

| Mac UFR II Driver Guide | CD-ROM |

- **Fax Driver Installation and Instructions**

| Fax Driver Guide | CD-ROM |

- **Installing MEAP applications and Using the Login Service**
  There is no MEAP SMS Administrator Guide for the iR3530/iR2230.

| MEAP SMS Administrator Guide | CD-ROM |

How This Manual Is Organised

Contents

Preface

Thank you for purchasing this Canon product. Please read this manual thoroughly before operating the machine in order to familiarise yourself with its capabilities, and to make the most of its many functions. After reading this manual, store it in a safe place for future reference.

How to Use This Manual

Symbols Used in This Manual

The following symbols are used in this manual to explain procedures, restrictions, handling precautions, and instructions that should be observed for safety.

IMPORTANT Indicates operational requirements and restrictions. Be sure to read these items carefully in order to operate the machine correctly, and to avoid damage to the machine.

NOTE Indicates a clarification of an operation, or contains additional explanations for a procedure. Reading these notes is highly recommended.

Keys Used in This Manual

The following symbols and key names are a few examples of how keys to be pressed are expressed in this manual:

- Touch Panel display Keys: [Key Name]

 Examples: [Cancel]

          [Done]

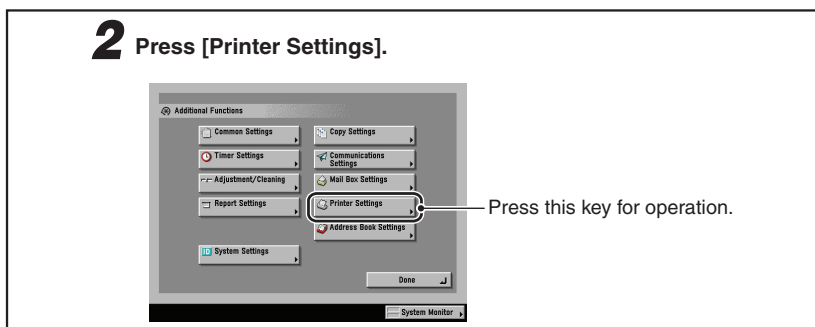- Control Panel Keys: <Key icon>

 Examples:

Displays Used in This Manual

Screen shots of the touch panel display used in this manual may differ from the ones you actually see, depending on the options that come with your machine. Note that functions that cannot be used depending on the model or options, are not displayed on the touch panel display.

The keys which you should press are marked with a ⬭ , as shown below.

When multiple keys can be pressed on the touch panel display, all keys are marked. Select the keys which suit your needs.

2 **Press [Printer Settings].**

Additional Functions

Common Settings	Copy Settings
Timer Settings	Communications Settings
Adjustment/Cleaning	Mail Box Settings
Report Settings	Printer Settings
	Address Book Settings
System Settings	
	Done

System Monitor

— Press this key for operation.

Illustrations Used in This Manual

Illustrations of the machine used in this manual may not represent exact appearance and configuration of the actual machine.

Abbreviations Used in This Manual

In this manual, product names and model names are abbreviated as follows:

Microsoft® Windows® operating system is referred to as Windows.

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Before You Start Using This Machine

1

CHAPTER

This chapter describes how to set up the printing environment from the touch panel display.

Menu Functions

This section describes the menu functions and how to access them with the touch panel display.

What Are Menu Functions?

Specifying the Menu Settings

The machine lets you specify settings, such as the number of copies and the paper size, to use when it receives a print job. These types of settings can be specified by the application sending the print job, or by the printer driver.

You can specify many settings which affect the printer function of the machine. These include some settings that cannot be specified remotely from an application or from the printer driver. These settings are referred to as "Menu Functions."

The menu functions are grouped together according to the type of settings, which makes them easy to set.

There are two ways you can specify the menu functions.

- Specifying the settings on the touch panel display:
  Display the Printer Settings screen on the touch panel display and specify the settings by pressing the keys on it.
- Specifying the settings on the Remote UI:
  You can specify some settings from your computer using your web browser.

NOTE

- *This guide only explains how to specify the menu settings on the touch panel display. For instructions on specifying the menu settings on the Remote UI, please refer to the Remote UI Guide.*
- *The contents of the Printer Settings are stored in the nonvolatile memory of the machine. This means that the settings are stored even if the power to the machine is switched OFF, and therefore the settings will still be available when the power is switched ON again.*

Settings Priorities

When the same menu function setting can be specified by using the keys on the machine or by specifying the setting in an application or the printer driver, the setting from the application or printer driver has priority. These settings will override the settings made on the machine.

For settings available only on the touch panel display or Remote UI, the most recently specified settings take priority.
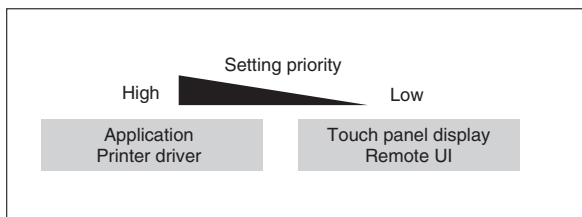
The printer driver is included on the CD-ROM provided with the machine. For instructions on installing the printer driver, see Chapter 2, "Installing Software," in the *Network Quick Start Guide*.

Additional Functions Screen

Press ⊚ to open the Additional Functions screen. The Printer Settings or the Report Settings can be accessed from this screen.
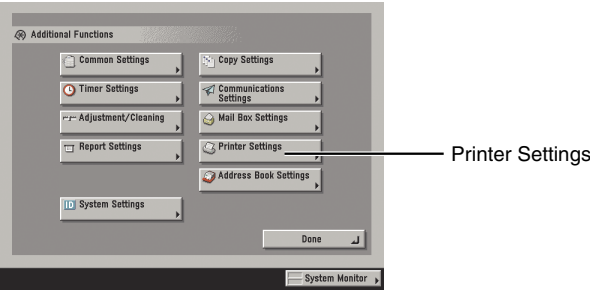
Printer Settings

In the Additional Functions screen, press [Printer Settings] to open the Custom Printing Settings menu.

Utility
Press this key to open the Utility menu, for initialising the printer.

Settings
Press this key to open the Settings menu.
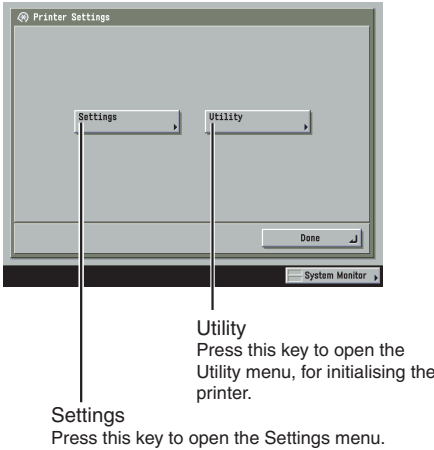
Accessing the Menus

To access the printer-related menu functions, display the Printer Settings screen on the touch panel display and use the keys on the display to specify the settings.

⚠️ **IMPORTANT**

You can access menus and modify settings while print jobs are waiting in the queue. However, any new settings will only affect print jobs sent to the queue after the modifications were made.

1 Press ⊛.
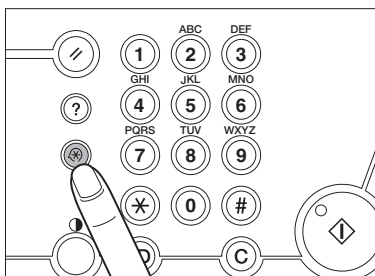
2 Press [Printer Settings].
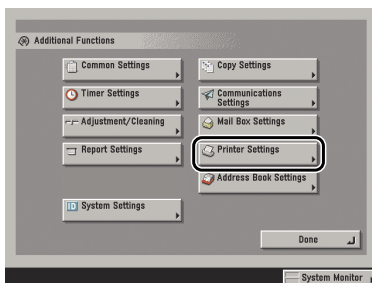
3 Select [Settings] or [Utility] to access the corresponding menu.
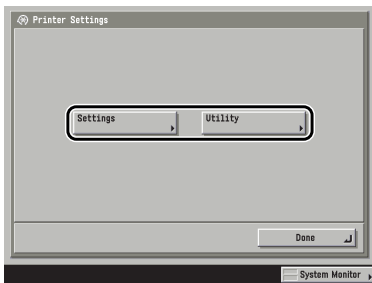
The Settings menu provides access to common settings, such as number of copies, error handling, and toner density.

The Utility menu provides access to the reset printer function.

Using the Printer Settings Menu

The Printer Settings menu enables you to access common features. Below is an abbreviated outline of the Printer Settings menu structure. For a detailed description of all Printer Settings menu options, see Chapter 2, "Printer Settings Menu."

As an example, the sequence of steps for setting the default number of copies is shown on the following pages.
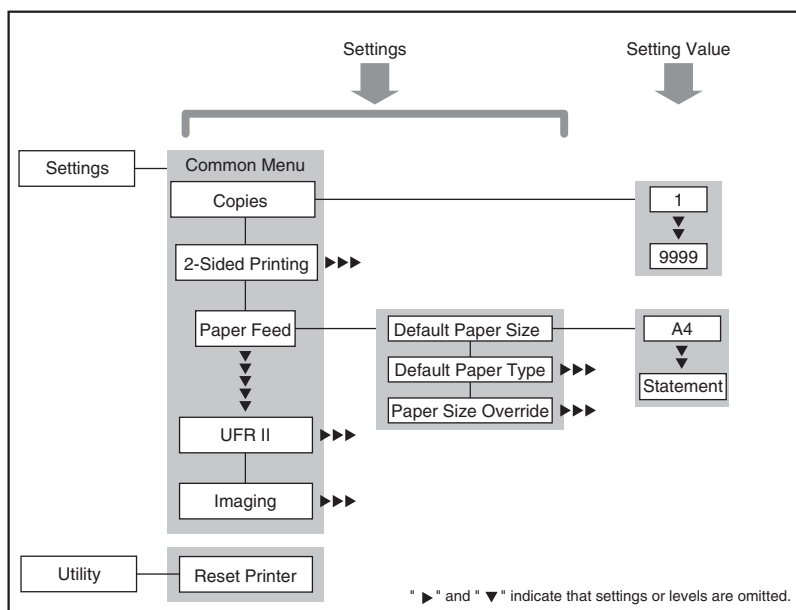
1 Press ⊚.

If necessary, see the screen shots in step 1 of "Accessing the Menus," on p. 1-5.

2 Press [Printer Settings].

If necessary, see the screen shots in step 2 of "Accessing the Menus," on p. 1-5.

3 Press [Settings].
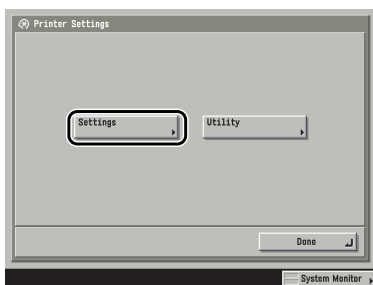
4 Press [Copies].
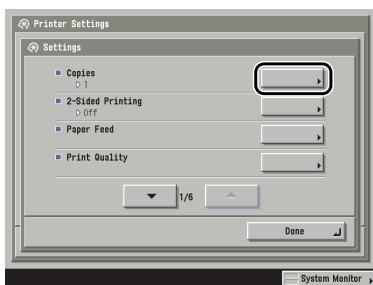
5 Press [-] or [+] to enter the number of copies.
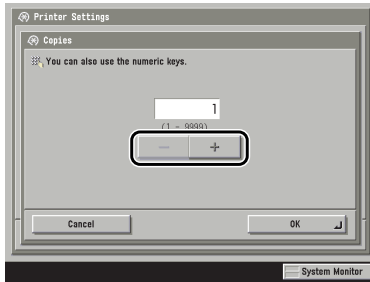
If you enter a value outside the setting range, a message prompting you to enter an appropriate value appears on the screen.

6 Confirm the setting → press [OK].
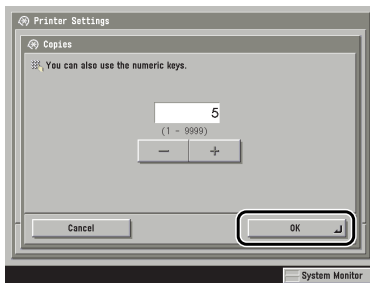
Printer Settings Menu

This chapter describes how to use the Printer Settings menu and its submenus.

An Overview of Printer Settings

The following table lists all settings of the Printer Settings menu.

■ **Settings Menu**

Item	Settings	Applicable Page
Copies	1 to 9999; 1*	p. 2-5
2-Sided Printing	On, Off*	p. 2-5
Paper Feed		
Default Paper Size	Letter, Legal, A4*, A3, A5, 11 x 17, Executive, Statement, Envelope Monarch, Envelope COM10, Envelope DL, Envelope ISO-B5, Envelope ISO-C5	p. 2-6
Default Paper Type	Plain Paper*, Transparency, Heavy Paper, Recycled Paper, Color Paper, Tracing Paper, Labels, Bond Paper, Envelope	p. 2-6
Paper Size Override	On, Off*	p. 2-7
Print Quality		
Image Refinement	On*, Off	p. 2-7
Density*1	1 to 9; 5*	p. 2-8
Toner Save	On, Off*	p. 2-8
Layout		
Binding Location	Long Edge*, Short Edge	p. 2-9
Margin	-50 to +50 mm; 0.0* mm	p. 2-10
Offset X	-50 to +50 mm; 0.0* mm	p. 2-12
Offset Y	-50 to +50 mm; 0.0* mm	p. 2-12
Auto Continue	On, Off*	p. 2-13
Job Securing Time	1 hour*, 2 hours, 3 hours, 6 hours, 12 hours, 24 hours	p. 2-13
Timeout	Timeout (5 to 300 seconds), Off; 15* seconds	p. 2-14
Print After Completing RIP	On, Off*	p. 2-14
Finisher	Off*, Collate, Rotate+Collate, Rotate+Group, Offset+Collate, Offset+Group, Staple+Collate Staple position: Corner (Upper-L)*, Double (Top), Corner (Upper-R), Double (Right), Corner (Lower-R), Double (Bottom), Corner (Lower-L), Double (Left)	p. 2-15

Item	Settings	Applicable Page
Punch	Off*, Top, Bottom, Left, Right	p. 2-19
Booklet[2] [5]	On, Off*	p. 2-20
Saddle Stitch[3] [5]	On, Off*	p. 2-21
Transparency Interleaving[2]	Off*, Blank, Printed	p. 2-22
Copy Set Numbering[4] [5]		
Copy Set Numbering	On, Off*	p. 2-23
Print Position	5 Locations*, Top Left, Bottom Left, Top Right, Bottom Right, Full Surface	p. 2-24
Starting Number	1 to 9999; 1*	p. 2-24
Number Size	Small (12 point), Medium (24 point), Large (36 point)*	p. 2-24
Density	1 to 5; 3*	p. 2-24
Initialize	—	p. 2-25

An asterisk (*) indicates the default setting.

[1] The menu will not be displayed when Toner Save is set to 'On'.

[2] The menu will not be displayed when Copy Set Numbering is set to 'On'.

[3] The menu will not be displayed when Booklet is set to 'Off'.

[4] This function is not available if the Booklet or Transparency Interleaving option is specified as any setting other than 'Off'.

[5] Settings are not applicable for the iR3530/iR2230.

■ UFR II Settings

Item	Settings	Applicable Page
Halftones		
Text	Resolution*, Gradation, Tone	p. 2-26
Graphics	Resolution, Gradation, Tone*	p. 2-26
Image	Resolution, Gradation, Tone*	p. 2-26
Paper Save	On*, Off	p. 2-26

An asterisk (*) indicates the default setting.

■ Imaging Settings

Item	Settings	Applicable Page
Image Orientation	Auto*, Vertical, Horizontal	p. 2-27
Zoom	Off*, Auto	p. 2-27
Print Position	Auto*, Center, Top Left	p. 2-28
Show Warnings	On*, Off	p. 2-28
Enlarge Print Area	Off*, On	p. 2-28

An asterisk (*) indicates the default setting.

■ Utility Menu

Item	Settings	Applicable Page
Reset Printer	—	p. 2-29

Settings Menu

Copies

1 to 9999; 1*

This setting enables you to specify the number of copies printed. The default setting is '1', but you can specify up to 9999 copies.

2-Sided Printing

On, Off*

This parameter selects one-sided or two-sided printing. When 2-Sided Printing is specified, the document is printed on both sides of the paper.

✎ NOTE

- *Two-sided printing can use either the paper drawer or the stack bypass in sizes of A3, JIS-B4, A4, A4R, JIS-B5, JIS-B5R, A5R, 11" x 17", LGL, LTR, LTRR, STMTR, and EXEC.*
- *Two-sided printing can use paper within the following range:*
  - *64 g/m² to 90 g/m²*
- *When printing on letterhead paper, or paper with a logo (such as a cover sheet), please note the following:*
  - *If the paper is fed from a paper drawer, the printing surface should be face down.*
  - *If the paper is fed from the stack bypass or the optional paper deck, the printing surface should be face up.*

Paper Feed

■ Default Paper Size

Letter, Legal, A4*, A3, A5, 11" x 17", Executive, Statement, Envelope Monarch, Envelope COM10, Envelope DL, Envelope ISO-B5, and Envelope ISO-C5

This parameter defines the default paper size used when the paper size cannot be set within the application software, when no paper source is specified.

■ Default Paper Type

Plain Paper*, Transparency, Heavy Paper, Recycled Paper, Color Paper, Tracing Paper, Labels, Bond Paper, and Envelope

This parameter sets the default paper type to be used for print jobs. This machine has internally defined optimal print modes for each specified paper type.

✐ NOTE

- *Use the following figures as a guideline to decide whether paper should be specified as Plain Paper or Heavy Paper.*
  - *Plain Paper: 64 g/m² to 80 g/m²*
  - *Heavy Paper: 81 g/m² to 128 g/m²*
- *Canon transparency film is recommended for printing on transparencies.*
- *Canon label paper is recommended for printing on labels.*
- *Heavy Paper, Transparency, Tracing Paper, Labels, and Envelope cannot be printed using two-sided printing.*

■ Paper Size Override

On, Off*

If paper of the size that is set in the printer driver has not been loaded in the paper drawer, the paper that is printed is changed to the following sizes.

Printer Driver Setting	Paper
A4	Letter
Letter	A4
A3	11" x 17"
11" x 17"	A3

If [On] is selected, the paper size is changed.

If [Off] is selected, the paper supply message is displayed and the paper size is not changed.

✎ NOTE

The paper size does not change if there is no paper in the paper source of the size that is set in the printer driver, even if Paper Size Override is set to 'On'.

Print Quality

■ Image Refinement

On*, Off

This setting smoothes the jagged outlines of characters and graphics.

If [On] is selected, smoothing is performed before printing.

If [Off] is selected, jobs are printed without being smoothed.

✎ NOTE

The results of image refinement may be different depending on the types of characters and graphics you want to print.

■ Density

1 to 9; 5*

This setting adjusts the print density.

Pressing [Dark] makes the print image darker, pressing [Light] makes the image lighter. This setting has 9 levels you can adjust, with level '5' (middle level) being the default setting.

✐ NOTE

This function is not available if the Toner Save option is set to 'On'.

■ Toner Save

On, Off*

This setting determines whether Toner Save is enabled. Toner Save uses less toner to print documents and may result in longer toner life.

✐ NOTE

If [On] is selected for Toner Save, very light or finely detailed images may not be printed clearly.

Layout

■ Binding Location

Long Edge[*], Short Edge

This parameter determines whether the binding position is along the long edge or the short edge of the paper. When binding for two-sided printing, the image orientation is automatically adjusted for correct layout.

When the binding position is on the long edge of the paper:

Two-sided printing
in portrait orientation

Two-sided printing
in landscape orientation

Front   Back   Front   Back
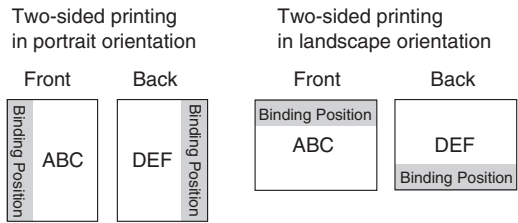
When the binding position is on the short edge of the paper:

Two-sided printing
in portrait orientation

Two-sided printing
in landscape orientation

Front   Back   Front   Back
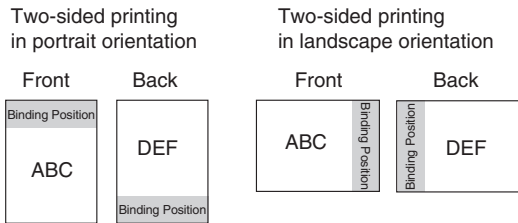
✎ NOTE

- *You cannot create a binding margin with this setting alone. Use this setting in combination with the Margin setting to create a binding margin.*
- *For two-sided printing, the orientation of the back image may be changed by this setting.*

■ Margin

-50.0 to +50.0 mm (in increments of 0.5 mm); 0.0* mm

This setting sets the page margin in millimeters. The settings can be set between -50.0 mm (-1.90 inch) and +50.0 mm (+1.90 inch) in increments of 0.5 mm (0.01 inch).

Use [▲] to increase the width of the inside margin.

Use [▼] to increase the width of the outside margin.
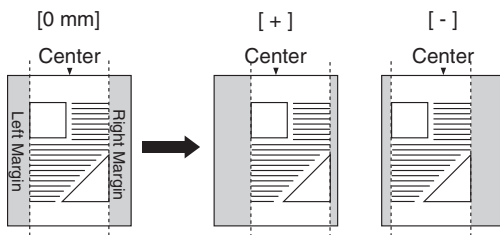
You can specify the edge along which the margin will be created in the Binding Location setting (previous setting). To create a margin along one of the edges of the paper, use this setting in combination with the Binding Location setting.

🖐 IMPORTANT

If this setting moves the image outside the printable area, part of the image may be cut off.
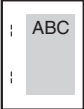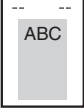
✎ NOTE

- *If this setting is used in combination with the Offset X/Offset Y setting, the values of the two settings are added together.*
- *Pressing [▲] increases the setting value by 0.5 mm (0.01 inch) each time the key is pressed. Pressing [▼] decreases the value by 0.5 mm (0.01 inch) each time. Holding down either [▲] or [▼] continuously speeds up the value alteration.*

Binding Location and Margin Settings

Refer to the figures below to set binding location and margins.

Portrait printing
with margin

Front	Back (Two-sided printing)	
ABC	DEF	Binding Location : Long edge Margin : [+]
ABC	DEF	Binding Location : Long edge Margin : [-]
ABC	DEF	Binding Location : Short edge Margin : [+]
ABC	DEF	Binding Location : Short edge Margin : [-]

Landscape printing
with margin

Front	Back (Two-sided printing)
ABCDE	FGHIJK
ABCDE	FGHIJK
ABCDE	FGHIJK
ABCDE	FGHIJK

Set the paper orientation in the application you are using.

■ Offset X/Offset Y

-50.0 to +50.0 mm (in increments of 0.5 mm); 0.0* mm

This setting sets the offset position in millimeters. The settings can be set between -50.0 mm (-2.00 inch) and +50.0 mm (+2.00 inch) in increments of 0.5 mm (0.01 inch).

The print position is adjusted in the vertical or horizontal direction to the value specified in the setting value.

You can increase or decrease the setting in increments of 0.5 mm (0.01 inch) to adjust the print position, as described below.

Offset X: Increasing the setting value moves the image in the rightward X direction on the paper. Decreasing the setting value moves the image in the leftward X direction on the paper.

Offset Y: Increasing the setting value moves the image in the downward Y direction on the paper. Decreasing the setting value moves the image in the upward Y direction on the paper.
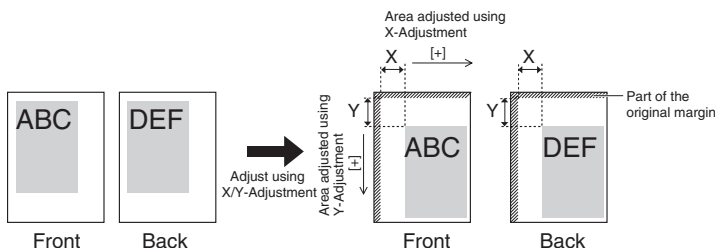
① IMPORTANT

Please note that if the print position is adjusted to place print data outside the valid print area, the portion outside the valid print area is not printed.

✐ NOTE

• *If this setting is used in combination with the Margin setting, the values of the two settings are added together.*

• *Pressing [▲] increases the setting value by 0.5 mm (0.01 inch) each time the key is pressed. Pressing [▼] decreases the value by 0.5 mm (0.01 inch) each time. Holding down either [▲] or [▼] continuously speeds up the value alteration.*

Auto Continue

On, Off*

This setting enables you to automatically clear an error and continue printing when an error occurs (Error skip).

If [On] is selected, error skips are performed automatically.

If [Off] is selected, you must perform error skips from the touch panel display.

✎ NOTE
- *To perform an error skip, press [Print] on the System Monitor screen → select the job containing the error → press [Details] → [Error Skip].*
- *Error skip only temporarily clears an error, so the data may not print correctly.*
- *For information on types of errors that can be temporarily cleared with Auto Continue, see "When a Message Is Displayed," on p. 3-2 .*
- *This setting is valid even if multiple errors have occurred.*

Job Securing Time

1 hour*, 2 hours, 3 hours, 6 hours, 12 hours, and 24 hours
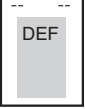
When a secured print job is sent to the machine, it is stored on the machine's hard disk, and a password must be entered before the job can be printed. This setting specifies how long the job will be stored before it is automatically cancelled.

✎ NOTE
- *Even if the time period specified with this setting has not elapsed, the print job data is deleted if the main power to the machine is switched OFF.*
- *The password is set from the printer driver.*

Timeout

Timeout (5 to 300 seconds), Off; 15* seconds

This setting enables you to force jobs to finish if no data is received during the set period of time.

If Timeout is 'On', jobs can finish automatically. For example, if print data still remains in the machine because a form feed command cannot be processed, the paper can be fed automatically.

If Timeout is 'Off', jobs will not end automatically.

IMPORTANT

- *If this function is set so that a job will timeout, the machine may end a print job before all the data has been received if it takes a long time for the PC to send the data. If this occurs, adjust the length of the Timeout setting.*
- *If [Off] is selected, you will not be able to make copies until print jobs that use the Staple+Collate and Punch settings have been completed.*
- *If you send data from a printer driver not compatible with the machine, and the end of job command is not received within the time set in this setting, the machine cancels the job, which may cause the data to be printed incorrectly.*

NOTE

When a job is being processed, the Processing/Data Indicator on the control panel flashes.

Print After Completing RIP

On, Off*

This setting sets whether to use the Print After Completing RIP function.

RIP is Raster Image Processor, used for advanced graphical representation.

If Print After Completing RIP is enabled, the first page is printed after all the pages in the job have been processed.

Although it may take longer to print the first page, the remaining pages in the job will be printed more quickly. This is useful when several people are using the machine or when using another function, such as the Copy function, because the printing time for a print job is reduced.

IMPORTANT

Please note that the memory of the machine can store up to 8,000 pages. When you send a secured document to be stored in the memory to be printed at a later time, and the memory is full (already reached its maximum capacity), your document will not be stored. The memory may be full because the machine is being used for other functions (such as storing a document in an inbox or storing a form) or other jobs, which use memory space.

Finisher

Off*, Collate, Rotate+Collate, Rotate+Group, Offset+Collate, Offset+Group, and Staple+Collate
Staple Position:
Corner (Upper-L)*, Double (Top), Corner (Upper-R), Double (Right), Corner (Lower-R),
Double (Bottom), Corner (Lower-L), and Double (Left)

Some of the above options require specific delivery trays and may not be available unless
appropriate delivery trays are installed:

✓: Available
✗: Unavailable

	No Options	Inner 2way Tray-D1, Copy Tray -J1	Finisher-S1	Finisher-Q3, Saddle Finisher-Q4
Collating	✓	✓	✓	✓
Rotate Collating	✓	✓	✗	✗
Rotate Grouping	✓	✓	✗	✗
Offset Collating	✗	✗	✓	✓
Offset Grouping	✗	✗	✓	✓
Staple Sort	✗	✗	✓	✓

You can choose from several features when collating printed matter.

Off

This setting prints all copies of the same page before printing the next page.

Collate

This setting prints all pages of each copy before printing the next copy.

Rotate+Collate

This setting prints all pages of each copy (collating), and rotates every other complete copy 90
degrees to indicate where each copy starts.

Rotate+Group

This setting prints all copies of the same page before printing the next page. It rotates every
other complete set of pages to indicate where each new set starts.

Offset+Collate

This setting prints all pages of each copy (collating), and offsets every other complete copy to indicate where each copy starts.

Offset+Group

This setting prints all copies of the same page before printing the next page. It offsets every other complete set of pages to indicate where each new set starts.

Staple+Collate

This setting prints all pages of each copy (collating) and prepares them for stapling according to the option selected for Staple+Collate.

Examples of each Finisher option when printing three copies of a three page document:
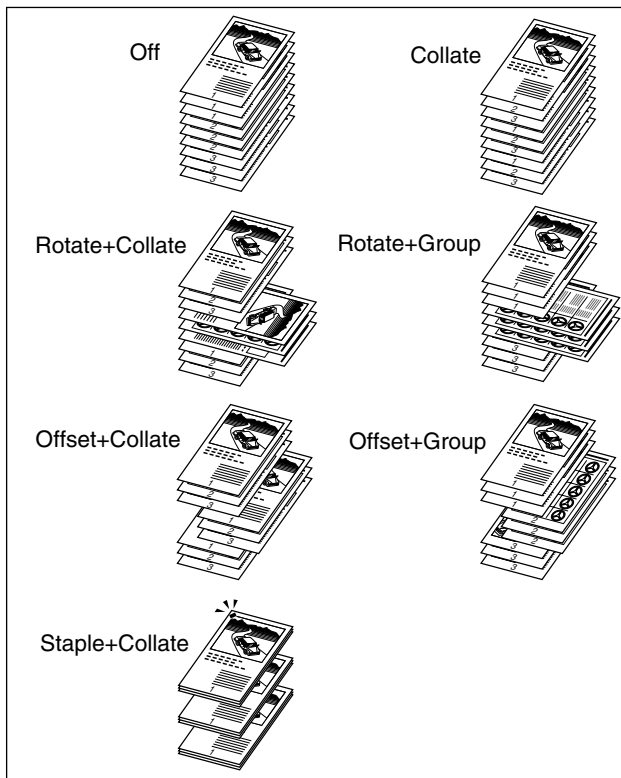
IMPORTANT

Please note that the memory of the machine can store up to 8,000 pages. When you send a secured document to be stored in the memory to be printed at a later time, and the memory is full (already reached its maximum capacity), your document will not be stored. The memory may be full because the machine is being used for other functions (such as storing a document in an inbox or storing a form) or other jobs, which use memory space.

NOTE

- *[Rotate+Collate] and [Rotate+Group] are available for selection if the paper size is A4, A4R, JIS-B5, JIS-B5R, LTR, or LTRR.*
- *If [Rotate+Collate] or [Rotate+Group] is selected, part of the print image may be cut off when the image is rotated. You need to load the same size paper as the original in the paper drawers in both landscape and portrait positions. If you do not, all the sheets will be printed in the orientation that the loaded paper is in.*
- *[Offset+Group] and [Offset+Collate] are available for selection in combination with the following optional units and paper sizes.*
  - *If the Finisher-S1 is attached: A3, JIS-B4, A4, A4R, JIS-B5, 11" x 17", LGL, LTR, or LTRR.*
  - *If the Finisher-Q3 or Saddle Finisher-Q4 is attached: A3, JIS-B4, A4, A4R, JIS-B5, A5, 11" x 17", LGL, LTR, LTRR, STMT, or EXEC.*
- *When you select [Staple+Collate], you can select the stapling position.*

Corner (Upper-Left)	Double (Top)	Corner (Upper-Right)	Double (Right)
ABC	ABC	ABC	ABC
Corner (Lower-Right)	Double (Bottom)	Corner (Lower-Left)	Double (Left)
ABC	ABC	ABC	ABC
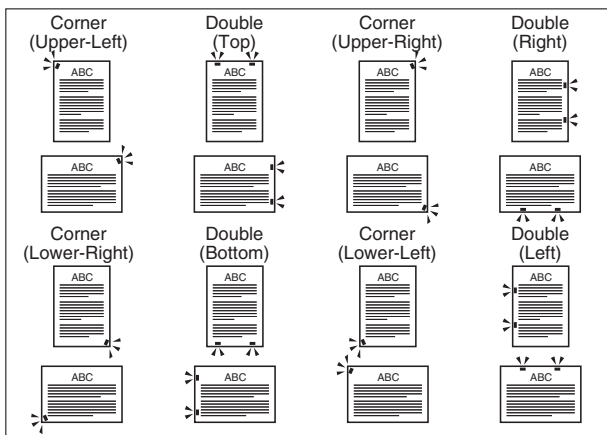
- *When you are stapling paper in landscape orientation, the image orientation and the staple position may not match.*

- *[Staple+Collate] is available for selection if the paper size is A3, JIS-B4, A4, A4R, JIS-B5, 11" x 17", LGL, LTR, LTRR, or EXEC. Available staple locations depend on paper size and image orientation, as shown.*

Finisher-Q3/Saddle Finishr-Q4

✓ : Available
✗ : Unavailable

Staple Position / Paper Size	Corner (Upper-Left)	Double (Top)	Corner (Upper-Right)	Double (Right)	Corner (Lower-Right)	Double (Bottom)	Corner (Lower-Left)	Double (Left)	Capacity (Sheets)
11" × 17"	✓	✓	✓	✗	✓	✓	✓	✗	30
LGL	✓	✓	✓	✗	✓	✓	✓	✗	30
LTR	✓	✗	✓	✓	✓	✗	✓	✓	50
LTRR	✓	✗	✓*	✗	✓	✗	✓*	✗	50
EXEC	✓	✗	✓	✓	✓	✗	✓	✓	50
A3	✓	✓	✓	✗	✓	✓	✓	✗	30
B4	✓	✓	✓	✗	✓	✓	✓	✗	30
A4	✓	✗	✓	✓	✓	✗	✓	✓	50
A4R	✓	✗	✓*	✗	✓	✗	✓*	✗	30
JIS-B5	✓	✗	✓	✓	✓	✗	✓	✓	50

* Will be stapled parallel to the edge of the paper.

- *The maximum number of sheets that can be stapled is 30 for A4R, A3, JIS-B4, LGL, and 11" x 17", 50 for A4, JIS-B5, LTR, LTRR, and EXEC. If the number of sheets is greater than the limit, they will not be stapled.*

Finisher-S1

✓ : Available
✗ : Unavailable

Staple Position / Paper Size	Corner (Upper-Left)	Corner (Upper-Right)	Corner (Lower-Right)	Corner (Lower-Left)	Capacity (Sheets)
11" × 17"	✗	✓	✗	✓	30
LGL	✗	✓	✗	✓	30
LTR	✓	✗	✓	✗	50
LTRR	✗	✓	✗	✓	50
EXEC	✓	✗	✓	✗	50
A3	✗	✓	✗	✓	30
B4	✗	✓	✗	✓	30
A4	✓	✗	✓	✗	50
A4R	✗	✓	✗	✓	50
JIS-B5	✓	✗	✓	✗	50

- *The maximum number of sheets that can be stapled is 30 for A3, JIS-B4, LGL, and 11" x 17", 50 for A4, A4R, JIS-B5, LTR, LTRR, and EXEC. If the number of sheets is greater than the limit, they will not be stapled.*
- *Make sure to select compatible settings when using Staple+Collate and Punch simultaneously. If conflicting settings are selected, such as the staple setting for the right side of the paper and the punch setting for the left, the printer will use neither Staple+Collate nor Punch.*

Punch

Off*, Top, Bottom, Left, and Right

This setting enables you to specify the desired paper position for two holes to be punched for binding.

✎ NOTE

- *This function is available for selection in combination with the following optional units.*
  - *If the Finisher-S1 is attached to the Puncher Unit-Q1.*
  - *If the Finisher-Q3 or Saddle Finisher-Q4 is attached to the Puncher Unit-L1.*
- *Acceptable paper sizes for this option are A3, JIS-B4, A4, A4R, JIS-B5, JIS-B5R, 11" x 17", LGL, LTR, LTRR, and EXEC.*
- *Make sure to select compatible settings when using Staple+Collate and Punch simultaneously. If conflicting settings are selected, such as the staple setting for the right side of the paper and the punch setting for the left, the printer will use neither Staple+Collate nor Punch.*
- *Holes cannot be punched in Heavy Paper, Transparency, Tracing paper, and Labels.*

Booklet

On, Off*

This setting enables you to prepare the printout for binding as a booklet. Booklet printing is a process whereby two pages of data are printed on the front and back of one page and it is folded in half to create a book.

If [On] is selected, the pages are bound on the left side.
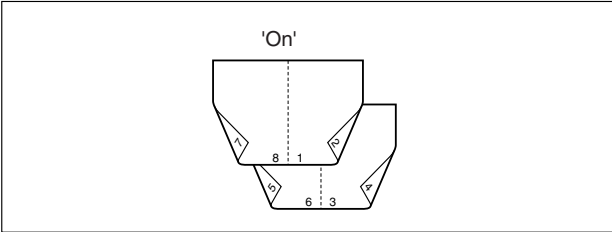
'On'

🖐 IMPORTANT

Please note that the memory of the machine can store up to 8,000 pages. When you send a secured document to be stored in the memory to be printed at a later time, and the memory is full (already reached its maximum capacity), your document will not be stored. The memory may be full because the machine is being used for other functions (such as storing a document in an inbox or storing a form) or other jobs, which use memory space.

📝 NOTE

- *This function is not available for the iR3530/iR2230.*
- *This function can only be selected if the Saddle Finisher-Q4 is attached.*
- *This function is not available if Copy Set Numbering is set to 'On'.*
- *This function is available for selection if the image paper size is A4, A5, JIS-B5, Letter, or Statement. The data for these page sizes is printed on the following paper. (See the Help function on the printer driver.)*

Page Size	Paper
A4	A3
A5	A4R
JIS-B5	JIS-B4
Letter	11" x 17"
Statement	Letter-R

- *If the pages are not all the same size, this function will not work.*
- *The [Margin] or [Offset X/Offset Y] settings is invalid if this function is set to 'On'.*

Saddle Stitch

On, Off[*]

This setting enables you to bind a finished print job by stapling and folding the pages of a booklet in the center.
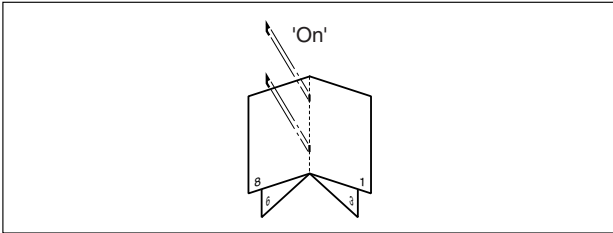
⊕ IMPORTANT

Please note that the memory of the machine can store up to 8,000 pages. When you send a secured document to be stored in the memory to be printed at a later time, and the memory is full (already reached its maximum capacity), your document will not be stored. The memory may be full because the machine is being used for other functions (such as storing a document in an inbox or storing a form) or other jobs, which use memory space.

✐ NOTE

- *This function is not available for the iR3530/iR2230.*
- *This function can only be selected if the Saddle Finisher-Q4 is attached.*
- *This function is not available if Booklet is set to 'Off'.*
- *If the print job contains only one sheet of paper, the paper will be folded but not stapled.*
- *The maximum number of sheets that can be saddle stitched is 15. If the number of sheets is greater than this, they will not be saddle stitched.*
- *The number of copies of a saddle stitched booklet that can be made at one time is limited as shown below:*

Number of sheets in each booklet	Max. number of copies that can be printed
1-15	15

Transparency Interleaving

Off*, Blank, and Printed

If you are printing on transparencies, you can use this setting to output a sheet of paper after each transparency. The paper can be blank, or it can be a paper copy of the transparency.

If [Off] is selected, no sheets are interleaved with the transparencies.

If [Blank] is selected, a blank sheet of paper is inserted between each transparency.

If [Printed] is selected, a printed paper from the print job is inserted between each transparency.

When [Blank] or [Printed] is selected, you can set Transparency Interleaving to print multiple copies in the number specified in [Copies] settings.

📝 NOTE

- *This function is not available if Copy Set Numbering is set to 'On'.*
- *When printing multiple copies, the Offset+Group for the Finisher option cannot be used.*
- *If [Printed] is selected, the paper printouts are included in the Prints count. However, if [Blank] is selected, they are not included in the Prints count.*

Copy Set Numbering

■ Copy Set Numbering

On, Off[*]

This setting enables you to print documents with a five digit serial number in the background on each copy. When [On] is selected, Print Position, Starting Number, Number Size, and Density options become available.

Copy numbers are printed in the following methods:
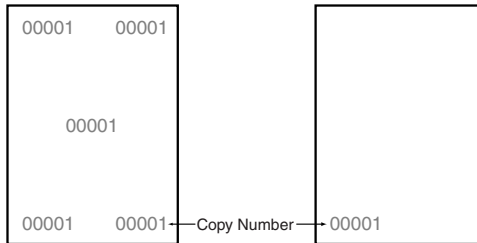
When printing three copies of a five page document:
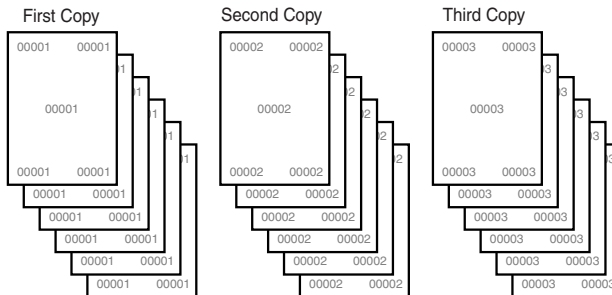
NOTE

- *This function is not available for the iR3530/iR2230.*
- *While the machine is operating in this setting, you cannot use Offset+Group modes for the Finisher option. Instead, Group is automatically used.*
- *If the copy number has fewer than five digits, the machine prints it as follows:*
  - *Example: If the copy number is 10*
    10 → 00010
- *Copy numbers are not printed on blank pages (pages with no data).*
- *If this setting is used in combination with [Margin] or [Offset X/Offset Y], part of the copy number may be cut off.*
- *This function is not available if the Booklet or Transparency Interleaving option is specified as any setting other than 'Off'.*
- *If the number of printed copies exceeds '99999', it returns to '00001'.*

■ Print Position

5 Locations[*], Top Left, Bottom Left, Top Right, Bottom Right, and Full Surface

This setting enables you to specify the position of the copy numbers to be printed. You can select to print numbers in all five positions, in each corner, or over the entire page. The default is set to '5 Locations'.

5 Locations Top Left Bottom Left Top Right Bottom Right Full Surface

✎ NOTE

This function is not available for the iR3530/iR2230.

■ Starting Number

1 to 9999; 1[*]

This setting enables you to specify the copy number to start numbering. The default is '1' (printed as 00001), but you can specify up to '9999' (printed as 09999).

✎ NOTE

This function is not available for the iR3530/iR2230.

■ Number Size

Small (12 point), Medium (24 point), and Large (36 point)[*]

This setting enables you to select the size of copy number from [Small], [Medium], and [Large] ('12.0 pt.', '24.0 pt.', and '36.0 pt.'). The default is set to 'Large (36 point)'.

✎ NOTE

This function is not available for the iR3530/iR2230.

■ Density

1 to 5; 3[*]

This setting enables you to adjust the number density and has 5 levels you can adjust, with level '3' (middle level) being the default setting. Selecting '1' makes the number lighter, and selecting '5' makes it darker.

✎ NOTE

This function is not available for the iR3530/iR2230.

Initialize

—

The menu settings can be reset to the factory defaults by initialising the printer settings.

If you select Initialize, the confirmation message <Is it OK to initialize the settings?> is displayed. If you select [Yes], the settings are initialised. If you select [No], the settings are not initialised.

🖐 IMPORTANT

Do not turn OFF the machine while the settings are being initialised, as this may damage the machine's memory.

UFR II Settings

Halftones

Text: Resolution[*], Gradation, and Tone
Graphics: Resolution, Gradation, and Tone[*]
Image: Resolution, Gradation, and Tone[*]

This setting specifies how to express halftones in black and white data.

Print data is expressed in dots. Fine gradations, edges, and shades are expressed by using dither patterns, which are groups of dots. This is called halftone processing.

For example, using a pattern that sharpens character and line edges, or a pattern that smoothens image and graph gradation, enables you to obtain the most suitable texture.

If 'Resolution' is selected, you can print text with distinct outlines, which is best to print text and thin lines.

If 'Gradation' is selected, you can print with both smooth gradation and outlines, which is best to print graphs and graphics that use gradation.

If 'Tone' is selected, you can print with sharp gradation and well-balanced texture, contrasting light and shade, which is best for printing images.

Paper Save

On[*], Off

This setting specifies whether to output a blank page when software sends no print data between End Page codes.

If 'On' is selected, a blank page is not output, thus saving paper.

If 'Off' is selected, a blank page is output.

Imaging Settings

Settings on this menu specify how to print TIFF (Tagged Image File Format) and JPEG (Joint Photographic Experts Group) images that are sent directly to the machine using the Remote UI.

📝 NOTE

The paper size used is determined by the paper size specified when the data is sent to the machine. If no paper size is specified, the paper size specified in the Settings Menu is used.

Image Orientation

Auto*, Vertical, and Horizontal

This setting specifies whether to print an image vertically or horizontally.

If [Auto] is selected, orientation is automatically adjusted by comparing length and width of the image. If the width is greater, the image is printed horizontally. If the length is greater, the image is printed vertically.

If [Vertical] is selected, the image is printed vertically regardless of its dimensions.

If [Horizontal] is selected, the image is printed horizontally regardless of its dimensions.

Zoom

Off*, Auto

This setting enlarges or reduces the size of an image to match the valid printable area of the paper size specified.

If [Auto] is selected, the size of the image is automatically enlarged or reduced to match the printable area of the specified paper size. If the size of the image is larger than the printable area, it is automatically reduced. If the size of the image is smaller than the printable area, it is automatically enlarged.

📝 NOTE

• *If there is blank space in the top, bottom, left, and right edges when using this setting, use the [Print Position] setting in combination with this setting to adjust the print position.*
• *This setting uses the same ratio for both the length and width to enlarge or reduce the size of the image.*
• *Even if [Off] is selected, the image size is automatically reduced if it is larger than the printable area of the specified paper size.*

Print Position

Auto[*], Center, and Top Left

This setting specifies the print position for the image.

If [Auto] is selected, the image is printed in the specified position of the paper if the print position for the image is specified. If the print position is not specified, the image is printed in the center of the paper.

If [Center] is selected, the image is printed in the center of the paper regardless of whether the print position of the image is specified or not.

If [Top Left] is selected, the image is printed in the top left of the paper regardless of whether the print position of the image is specified or not.

✐ NOTE

As the JPEG file format does not contain print position information, JPEG images are printed in the center of the paper even if [Auto] is selected.

Show Warnings

On[*], Off

This setting specifies the action to be taken if an error associated with printing an image occurs on the machine.

If [On] is selected, the print job is cancelled, and an error message is displayed.

If [Off] is selected, an error message is not displayed, and the print job is processed as is.

✐ NOTE

Depending on the error, an error message may be displayed even if [Off] is selected.

Enlarge Print Area

Off[*], On

This setting specifies whether to enlarge the valid printable area on the paper.

If [Off] is selected, the printable area is 5 mm (1/5 inch) from the top, bottom, left and right edges of the specified paper size.

If [On] is selected, the printable area is 2.5 mm (1/10 inch) from the top, bottom, left and right edges of the specified paper size.

Utility Menu

Reset Printer

If you want to clear all print jobs in progress as well as data that has been received in memory, you must reset the printer function. Resetting the printer deletes print jobs in the machine's memory and the print data that has been received by all interfaces.

✎ NOTE

- *If the machine is being used on a network, please note that resetting the printer function may affect data being received from other users.*
- *If you reset the printer function, data may be deleted for print jobs that have already been received, or received while the printer function is being reset. However, in some cases, the data is not deleted from the machine's memory, and the print job may not print correctly. Canon recommends that you reset the printer to delete the data and print the job again.*

Troubleshooting

3

This chapter explains how to solve printing problems and the remedial steps to take if printing fails.

When a Message Is Displayed

If the printer is unable to print for some reason, the Error Indicator lights up and a message indicating the cause of the problem is displayed on the touch panel display. When these messages are displayed, take the appropriate action to solve the problem.

✐ NOTE

- *If a message indicating another problem occurs at the same time as the first error message, a warning message will not be displayed.*
- *If the message is shown with the "**Error Skip**" mark, you can bypass the error and continue printing by pressing [Error skip]. However, if you do this, print data may be lost or the data may not be printed correctly. If you want to cancel the procedure, cancel the print job to remove the cause of the problem, and print the data again.*
- *To perform an error skip, press [Print] on the System Monitor screen → select the job containing the error → press [Details] → [Error Skip].*
- *To cancel a print job, press [Print] on the System Monitor screen → select the job containing the error → press [Cancel]. (See Chapter 5, "Checking Job and Device Status," in the Reference Guide.)*

PDL IMG Invalid Data	Error Skip
Cause	There is data in the TIFF or JPEG images that cannot be processed by the machine.
Remedy	Cancel the job and try printing the data again.

PDL IMG Work Memory Full	Error Skip
Cause	There is not enough memory necessary to process TIFF or JPEG images.
Remedy	Cancel the job and try printing the data again.

PDL UFR II Layout Error	Error Skip
Cause	The page layout cannot be processed due to lack of memory.
Remedy	Set the Graphics Mode in the UFR II printer driver to 'Raster Mode' and print the data again. (See the Help function on the UFR II printer driver.) * If Auto Continue is selected, this error is skipped automatically.

PDL UFR II Work Mem Full	Error Skip
Cause	The work memory for the UFR II mode is full.
Remedy	Set the Graphics Mode in the UFR II printer driver to 'Raster Mode' and print the data again. (See the Help function on the UFR II printer driver.) * If Auto Continue is selected, this error is skipped automatically.

PDL UFR II DL Mem. Full	Error Skip

Cause	There is not enough memory to register the character set.
Remedy	Set the Graphics Mode in the UFR II printer driver to 'Raster Mode' and print the data again. (See the Help function on the UFR II printer driver.) * If Auto Continue is selected, this error is skipped automatically.

PDL UFR II Version Err	Error Skip

Cause	A job has been sent from a version of the UFR II printer driver that is not compatible with this machine.
Remedy	Change the printer driver version and print the data again.

PDL Warning	

Cause	An internal error has occurred for the printer function.
Remedy	Perform a printer reset to try to initialise the function again. If this error persists, contact your local authorised Canon dealer.

PDL IMG Initial. Err	

Cause	An error occurred during the initialisation of the function.
Remedy	Cancel the job and then perform a printer reset to initialize the function again. If this error persists, contact your local authorised Canon dealer.

PDL IMG Process. Error	

Cause	An error occurred while processing data.
Remedy	Cancel the job and then perform a printer reset to initialize the function again. If this error persists, contact your local authorised Canon dealer.

Printing Problems

If you have trouble printing, we recommend resolving the problems with the following remedies.

✎ NOTE

Please contact your local authorised Canon dealer if a problem persists, or if you encounter problems not listed below.

Printer Trouble

The printer does not work.

Cause 1	There is data remaining in the printer's memory. (The Processing/Data Indicator is flashing or lit.)
Remedy	Print out the data. (See Chapter 5, "Checking Job and Device Status," in the *Reference Guide*.)
Cause 2	There is a problem with the printer or the software.
Remedy	Look at the message on the display and act accordingly. (See "When a Message Is Displayed," on p. 3-2.)

Printing stops before the job is complete.

Cause	There is data remaining in the printer's memory. (The Processing/Data Indicator is flashing or lit.)
Remedy	Print out the data. (See Chapter 5, "Checking Job and Device Status," in the *Reference Guide*.)

You cannot print a job or store a job.

Cause	The total number of pages in all jobs (maximum capacity is 8,000 pages) or size of the data in the hard disk has exceeded the limit which can be processed.
Remedy 1	Delete other processes, documents, or forms stored in the box, cancel other jobs being processed, or wait until those jobs are finished, then print again.
Remedy 2	Divide the job, then print again.

You cannot store a secured print job.

Cause	The number of secured jobs stored in the machine has exceeded the maximum capacity of 25 jobs, or the total number of pages that are stored or are in jobs has exceeded the limit (8,000 pages).
Remedy	Delete other secured jobs, or wait until those jobs have finished printing, then print again.

Printing Problems

Meaningless characters are being printed.

Cause	You have printed from Windows without installing the printer driver for Windows that was included with the machine.
Remedy	Install the printer driver for Windows that was included with the machine and print the data again. (See Chapter 2, "Getting Started," in the *UFR II Driver Guide*.)

A font that is different from the one specified is printed.

Cause	The 'Send According to Font Substitution Table' setting has been set on the printer driver for Windows.
Remedy	Set the 'Send According to Font Substitution Table' setting to the correct setting and print the data again. (See the Help function on the printer driver.)

You cannot print the last page.

Cause	The command that identifies the end of the data has not been sent from the PC. (The Processing/Data Indicator is flashing or lit.)
Remedy	Clear the print data. (If you print from application software that does not have a print function and the last page of data is not a full page, the data will remain in the machine's memory.) (See Chapter 5, "Checking Job and Device Status," in the *Reference Guide*.)

A print job that you have specified as two-sided printing is printed on one side of the paper.

Cause 1	The paper size you have specified is not supported by two-sided printing.
Remedy	Change the print job settings and print the data again.
Cause 2	The settings for the front and back sides of the paper are different.
Remedy	Change the print job settings and print the data again.

The data does not fit on the page properly.

Cause 1	The paper is not in the correct position.
Remedy	Make sure the machine is set correctly and try printing again. (See Chapter 7, "Routine Maintenance," in the *Reference Guide*.)
Cause 2	The data is outside the printable area.
Remedy 1	Insert margins around the data and print the data again. (See the Help function on the printer driver or the application software manual.)
Remedy 2	Change the 'Scaling' settings on the printer driver and print the data again. (See Chapter 3, "Basic Print Options" in the *UFR II Driver Guide*.)

The printing location has slipped.

Cause 1	Margin, Offset X, or Offset Y in the printer settings menu have been changed.
Remedy	Set Margin, Offset X, and Offset Y to '0.0' and print the data again. (See "Margin," on p. 2-10, and "Offset X/Offset Y," on p. 2-12.)
Cause 2	The application software' s top margin and paper location settings are not correct.
Remedy	Set the correct settings for the top margin and the paper location and print the data again. (See the application software manual.)

Data that should be printed on the same page is printed on two separate pages.

Cause	The application software's "Line spacing" and "Number of lines on a page" settings are not correct.
Remedy	Change the settings so that the data fits on one page and print the data again. (See the application software manual.)

Print Quality Problems

The printout is too light or too dark.

Cause 1   The toner density settings are not correct.

Remedy   Adjust the toner density and print the data again. (See "Density," on p. 2-8.)

Cause 2   Toner Save is set to 'On'.

Remedy   Set Toner Save to 'Off' and print the data again. (See "Toner Save," on p. 2-8.)

3

Troubleshooting

3

Troubleshooting

Appendix

4

This chapter lists a summary of the specifications for the machine and index.

Specifications

Specifications are subject to change without notice for product improvement or future release.

Software Specifications

Command Language	UFR II
Printable Area	Reduced to 5.0 mm from the top, bottom, left, and right edges of the paper.

Index

Numerics

2-Sided Printing, 2-5, 2-9

A

Accessing the Menus, 1-5
Additional Functions Screen, 1-4
Auto Continue, 2-13

B

Binding Location, 2-9
Bond Paper, 2-6
Booklet, 2-20, 2-21, 2-23

C

Collate, 2-15
Color Paper, 2-6
Copies, 2-5
Copy Set Numbering, 2-20, 2-23
Cover Sheet, 2-5

D

Default Paper Size, 2-6
Default Paper Type, 2-6
Density
    Copy Set Numbering, 2-24
    Print Quality, 2-8
Dither pattern, 2-26

E

Enlarge Print Area, 2-28
Envelope, 2-6
Error Indicator, 3-2
Error Skip, 3-2
Executive, 2-6

F

Finisher, 2-15
Form Feed, 2-14

G

Group, 2-15

H

Halftones, 2-26
Heavy Paper, 2-6, 2-19

I

Image Orientation, 2-27
Image Refinement, 2-7
Imaging Settings, 2-4, 2-27
Initialize, 2-25

J

Job Securing Time, 2-13

L

Labels, 2-6
Layout, 2-9
Letterhead, 2-5

M

Margin, 2-10, 2-20, 2-23, 3-6
Memory Full, 2-14
Menu Functions, 1-2

4

Appendix